

IN THE CLAIMS:

Please cancel Claims 6, 18, 37 and 38 without prejudice to or disclaimer of the subject matter presented therein.

Please amend Claims 1, 2, 4-5, 11, 13-14, 16-17, 25, 27-28, 30-33, 35 and 36 as shown below:

1. (Currently Amended) An image verification system comprising an image generation device and a first image verification device,  
  
wherein said image generation device includes:  
  
(a) an image data generation unit ~~adapted to generate~~ which generates image data; and  
  
(b) a first verification data generation unit ~~adapted to generate~~ which generates first verification data from the image data using first information and not using public key cryptography, and  
  
wherein said first image verification device includes:  
  
(a) a first verification unit ~~adapted to verify~~ which verifies, using the image data, the first verification data and the first information, whether the image data is altered or not; and  
  
(b) a second verification data generation unit ~~adapted to generate~~ which generates second verification data from the image data using second information and public key cryptography, if it is ~~verified by the first verification unit~~ verifies that the image data is not altered.

2. (Currently Amended) The image verification system according to claim 1, wherein the first verification data generation unit generates the first verification data from the image data using the first information, a first hash function and common key cryptography, and

wherein the second verification data generation unit generates the second verification data from the image data using the second information, ~~the~~ a second hash function and public key cryptography.

3. (Cancelled)

4. (Currently Amended) The image verification system according to claim 1, wherein, ~~if it is verified by the first verification unit that the image data is altered,~~ the second verification data generation unit disables generation of the second verification data, if the first verification unit verifies that the image data is altered.

5. (Currently Amended) The image verification system according to claim 1, wherein the first image verification device includes a memory ~~for storing a correspondence relationship between~~ which stores the first information and the second information.

6. (Canceled)

7. (Previously Presented) The image verification system according to claim 1, wherein the first information is an encryption key used in common key cryptography and the second information is a private key used in public key cryptography.

8. (Previously Presented) The image verification system according to claim 1, further comprising a second image verification device, wherein said second image verification device includes a second verification unit adapted to verify, using the image data, the second verification data and third information corresponding to the second information, whether the image data is altered or not.

9. (Previously Presented) The image verification system according to claim 8, wherein the second information is a private key used in public key cryptography and the third information is a public key used in public key cryptography.

10. (Previously Presented) The image verification system according to claim 8, wherein said second image verification device is a server computer and said first image verification device is a client of the server computer.

11. (Currently Amended) The image verification system according to claim 8, wherein the first verification data generation unit generates the first verification data from the image data using the first information, a first hash function and common key cryptography, and

wherein the second verification data generation unit generates the second verification data from the image data using the second information, ~~the~~ a second hash function and public key cryptography.

12. (Previously Presented) The image verification system according to claim 1, wherein said image generation device is one of a digital camera, a digital camcorder and a scanner.

13. (Currently Amended) An image verification system comprising:

an image generation device;

a first image verification device; and

a connection device ~~adapted to be~~ which is connected to said image generation device and said first image verification device,

wherein said image generation device includes:

(a) an image data generation unit ~~adapted to generate~~ which generates image data; and

(b) a first verification data generation unit ~~adapted to generate~~ which generates first verification data from the image data using first information and not using public key cryptography,

wherein said connection device provides the image data and said first verification data to ~~the~~ said first image verification device, and

wherein said first image verification device includes:

(a) a first verification unit ~~adapted to verify~~which verifies, using the image data, the first verification data and the first information, whether the image data is altered or not; and

(b) a second verification data generation unit ~~adapted to generate~~which generates second verification data from the image data using second information and public key cryptography, if it ~~is verified by the first verification unit~~ verifies that the image data is not altered.

14. (Currently Amended) The image verification system according to claim 13, wherein the first verification data generation unit generates the first verification data from the image data using the first information, a first hash function and common key cryptography, and

wherein the second verification data generation unit generates the second verification data from the image data using the second information, ~~the~~a second hash function and public key cryptography.

15. (Cancelled)

16. (Currently Amended) The image verification system according to claim 13, wherein, ~~if it is verified by the first verification unit that the image data is altered~~, the second verification data generation unit disables generation of the second verification data, if the first verification unit verifies that the image data is altered.

17. (Currently Amended) The image verification system according to claim 13, wherein said first image verification device includes a memory ~~for storing a correspondence relationship between~~ which stores the first information and the second information.

18. (Canceled)

19. (Previously Presented) The image verification system according to claim 13, wherein the first information is an encryption key used in common key cryptography and the second information is a private key used in public key cryptography .

20. (Previously Presented) The image verification system according to claim 13, wherein said first image verification device is an IC card or a storage medium with a microprocessor.

21. (Previously Presented) The image verification system according to claim 13, wherein said first image verification device is a server computer and said connection device is a client of the server computer.

22. (Previously Presented) The image verification system according to claim 13, further comprising a second image verification device,

wherein said second image verification device includes a second verification unit adapted to verify, using the image data, the second verification data and third information corresponding to the second information, whether the image data is altered or not.

23. (Previously Presented) The image verification system according to claim 22, wherein the second information is a private key used in public key cryptography and the third information is a public key used in public key cryptography.

24. (Previously Presented) The image verification system according to claim 22, wherein said second image verification device is a server computer and said connection device is a client of the server computer.

25. (Currently Amended) The image verification system according to claim 22, wherein the first verification data generation unit generates the first verification data from the image data using the first information, a first hash function and common key cryptography, and

wherein the second verification data generation unit generates the second verification data from the image data using the second information, ~~the~~ a second hash function and public key cryptography.

26. (Previously Presented) The image verification system according to claim 13, wherein said image generation device is one of a digital camera, a digital camcorder a scanner.

27. (Currently Amended) An image verification device comprising:

a verification unit ~~adapted to verify~~which verifies, using image data, first verification data and first information, whether the image data is altered or not, ~~wherein~~ the image data and the first verification data ~~are being~~ generated in an image generation device, and the first verification data ~~is being~~ generated from the image data using the first information and not using public key cryptography; and

a verification data generation unit ~~adapted to generate~~which generates second verification data from the image data using second information and public key cryptography, if it ~~is verified by said verification unit~~ verifies that the image data is not altered.

28. (Currently Amended) The image verification device according to claim 27, wherein the first verification data is generated from the image data using the first information, a first hash function and common key cryptography, and

wherein said verification data generation unit generates the second verification data from the image data using the second information, ~~the~~ a second hash function and public key cryptography.

29. (Previously Presented) The image verification device according to claim 27, wherein the first information is an encryption key used in common key cryptography and the second information is a private key used in public key cryptography.



30. (Currently Amended) The image verification device according to claim 27, wherein, ~~if it is verified by said verification unit that the image data is altered,~~ said verification data generation unit disables generation of the second verification data, if said verification unit verifies that the image data is altered.

31. (Currently Amended) The image verification device according to claim 27, wherein the image verification device includes a memory ~~for storing a correspondence relationship between~~ which stores the first information and the second information.

32. (Currently Amended) An image verification method comprising the steps of:  
verifying, using image data, first verification data and first information, whether the image data is altered or not, ~~wherein the image data and the first verification data are being~~ generated in an image generation device, and the first verification data is being generated from the image data using the first information; and not using public key cryptography; and  
generating second verification data from the image data using second information and public key cryptography, if it is verified in said verifying step that the image data is not altered.

33. (Currently Amended) The image verification method according to claim 32, wherein the first verification data is generated from the image data using the first information, a first hash function and common key cryptography, and

wherein the second verification data is generated from the image data using the second information, ~~the~~ a second hash function and public key cryptography.

34. (Previously Presented) The image verification method according to claim 32, wherein the first information is an encryption key used in common key cryptography and the second information is a private key used in public key cryptography .

35. (Currently Amended) The image verification method according to claim 32, further comprising ~~a~~ the step of:

-disabling generation of the second verification data, if it is verified ~~by~~ in said verification step that the image data is altered.

36. (Currently Amended) A computer-readable medium storing a program for implementing the image verification method according to any one of claims 32 to 35 ~~or 38~~.

37-38. (Canceled)